

AMENDMENTS TO THE CLAIMS

1. (Original) 3'-end nucleoside unit comprising phosphoramidite that is a compound represented by the following formula:



wherein (N) represents any nucleoside or its derivative, each of R1, R2, R4 and R5 is an alkyl or aryl group, R3 is a phosphate-protecting group, and n is an integer of from 1 to 5.

2. (Original) The compound according to Claim 1 wherein R1 and R2 are an alkyl group having 1 to 5 carbon atoms.
3. (Original) The compound according to Claim 1 wherein the aryl group of R1 and R2 has a substituent of alkyl, nitro, cyano, halogeno or methoxy group.
4. (Original) The compound according to any one of Claims 1 to 3 wherein the phosphate-protecting group is 2-cyanoethyl, 4-nitrophenyethyl, N-(trifluoroacetyl)aminobutyl, or 4-[N-methyl-N-(2,2,2-trifluoroacetyl)amino]butyl group.
5. (Original) The compound according to Claim 4 wherein the phosphate-protecting group is 2-cyanoethyl.
6. (Currently amended) The compound according to ~~any one of Claims 1 to 5~~ Claim 1 wherein R4 and R5 are an alkyl having 1 to 4 carbon atoms, benzyl, phenyl, or naphthyl group.
7. (Original) The compound according to Claim 6 wherein R4 and R5 are an isopropyl group.
8. (Currently amended) The compound according to ~~any one of Claims 1 to 7~~ Claim 1 wherein a benzene ring structure has a substituent.

9. (Original) The compound according to Claim 8 wherein the substituent of the benzene ring structure is selected from the group consisting of alkyl having 1 to 4 carbon atoms, halogeno, nitro, cyano and methoxy groups.
10. (Original) The compound according to Claim 1, which is 5'-[O-(4,4'-dimethoxytrityl)], 3'-O-[4-O-(2-cyanoethyl N,N-diisopropyl phosphoramidite) benzyl-diisopropylsilyl]thymidine.
11. (Original) The compound according to Claim 1, which is 5'-[O-(4,4'-dimethoxytrityl)], 3'-O-[4-O-(2-cyanoethyl N,N-diisopropyl phosphoramidite) benzyl-diisopropylsilyl]2'-deoxyadenosine.
12. (Currently amended) A solid-phase support having the 3'-end nucleoside unit according to ~~any one of Claims 1 to 11~~ claim 1 introduced thereon.
13. (Original) The solid-phase support according to Claim 12 having the 3'-end nucleoside unit at a ratio of 20-30 μ mol/g.
14. (Currently amended) The solid-phase support according to Claim 12 ~~or 13~~, which is HCP solid-phase support.
15. (Currently amended) A method for the synthesis of a nucleic acid oligomer with the use of the solid-phase support according to ~~Claim 12, 13 or 14~~.
16. (Original) The method according to Claim 15, which is a phosphoramidite one with the use of an activating agent comprising an alcohol-type compound, or a mixture of the alcohol-type compound and an acid catalyst.